

Fortinet FortiWeb and DigiCert Trust Lifecycle Manager Security Solution

Secure, automated TLS/SSL Certificate Lifecycle Management for web applications

Executive summary

DigiCert and Fortinet deliver a tightly integrated, Fabric-ready solution that secures and automates TLS/SSL certificate lifecycle management for web applications. By combining DigiCert® Trust Lifecycle Manager with Fortinet FortiWeb, organizations eliminate manual processes, prevent application downtime, and maintain continuous protection for web applications.

The challenge

Fortinet FortiWeb secures web applications and relies on TLS/SSL certificates for encryption, inspection, and protection. Manual certificate management introduces risk, complexity, and potential outages, which include:

- Limited visibility into certificate inventory
- Increased exposure to security threats
- Expired certificates causing application downtime
- Compliance and audit challenges
- Deployment errors and inconsistent configurations

Joint solution

DigiCert and Fortinet deliver an integrated security and certificate management solution that automates certificate lifecycle management for Fortinet FortiWeb environments. DigiCert Trust Lifecycle Manager integrates with FortiWeb using secure APIs and automation workflows to ensure certificates are always valid and trusted.

Solution components

Product	Solution
DigiCert Trust Lifecycle Manager	Centralized certificate lifecycle automation platform.
Trust Lifecycle Manager Agent	Automation engine for certificate deployment
Fortinet FortiWeb	Web application firewall securing applications with TLS/SSL

Solution Integration

1. TLM Agent requests certificate from DigiCert
2. Certificate issued and stored securely
3. Automation script triggers deployment
4. Certificate deployed to FortiWeb via REST API
5. Certificate applied to WAF services
6. Automatic renewal ensures continuous protection

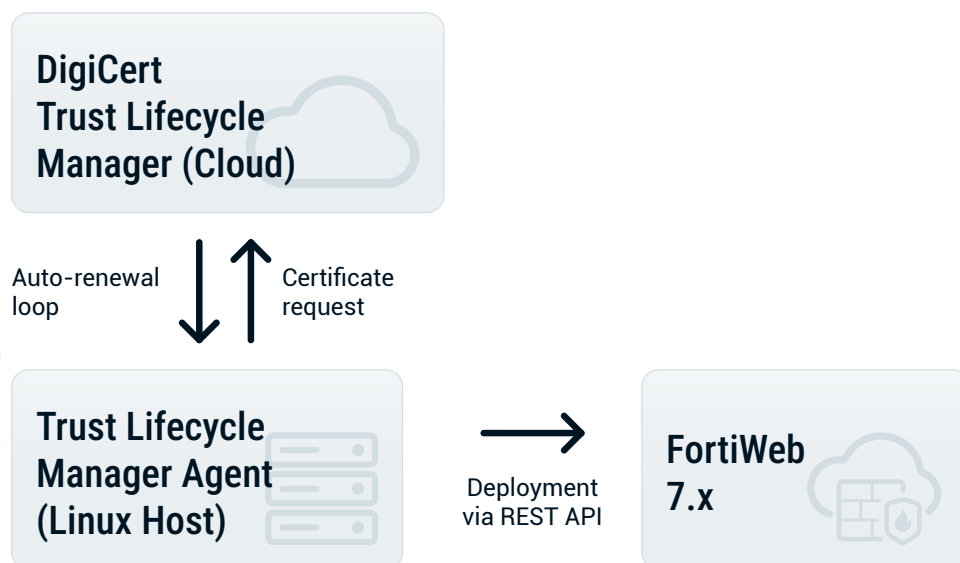


Figure 1: Automated certificate lifecycle workflow between Trust Lifecycle Manager and FortiWeb

Joint use cases

Continuous application availability

Prevent outages by automating certificate renewal.

Secure application protection

Ensure trusted SSL/TLS across all protected applications

About DigiCert

DigiCert is a global leader in intelligent trust. We protect the digital world by ensuring the security, privacy, and authenticity of every interaction. Our AI-powered DigiCert ONE platform unifies PKI, DNS, and certificate lifecycle management to secure infrastructure, software, devices, messages, and AI content, agents, and models. Learn why more than 125,000 organizations, including 90% of the Fortune 500, choose DigiCert to stop today's threats and prepare for a quantum-safe future at www.digicert.com.

About Fortinet

[Fortinet](https://www.fortinet.com) (NASDAQ: FTNT) is a driving force in the evolution of cybersecurity and the convergence of networking and security. Our mission is to secure people, devices, and data everywhere, and today we deliver cybersecurity everywhere you need it with the largest integrated portfolio of over 50 enterprise-grade products. Well over half a million customers trust Fortinet's solutions, which are among the most deployed, most patented, and most validated in the industry. The [Fortinet Training Institute](https://www.fortinet.com/training), one of the largest and broadest training programs in the industry, is dedicated to making cybersecurity training and new career opportunities available to everyone. Collaboration with [esteemed organizations](#) from both the public and private sectors, including CERTs, government entities, and academia, is a fundamental aspect of Fortinet's commitment to enhance cyber resilience globally. [FortiGuard Labs](#), Fortinet's elite threat intelligence and research organization, develops and utilizes leading-edge machine learning and AI technologies to provide customers with timely and consistently top-rated protection and actionable threat intelligence. Learn more at <https://www.fortinet.com>, the Fortinet Blog, and [FortiGuard Labs](#).